



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Gopi Glass Sales & Services Corp.

7450 NW 41st Street

Miami, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "510" Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W02-50**, titled "Series-510 Aluminum Fixed Window (L.M.I.)", sheets 1 through 4 of 4, dated 05/20/02, with revision D dated 02/21/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA# 12-0229.05** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
2/16/13

NOA No. 12-1203.01
Expiration Date: February 20, 2018
Approval Date: February 14, 2013
Page 1

Gopi Glass Sales & Services Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

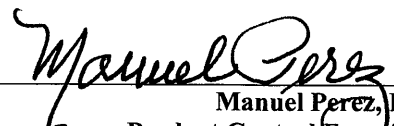
1. Manufacturer's die drawings and sections.
2. Drawing No. **W02-50**, titled "Series-510 Aluminum Fixed Window (L.M.I.)", sheets 1 through 4 of 4, dated 05/20/02, with revision D dated 02/21/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under previous NOA No. 12-0229.05)

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per TAS 202-94
2) Uniform Static Air Pressure Test, Loading per TAS 202-94
3) Water Resistance Test, per TAS 202-94
along with marked-up drawings and installation diagram of a series 510 aluminum fixed window, prepared by Hurricane Engineering and Testing, Inc., Test Report No. **HETI-02-1211**, dated 03/04/02 signed and sealed by Hector M. Medina, P.E.
(Submitted under previous NOA No. 02-0826.03)
2. Test reports on: 1) Large Missile Impact Test, SFBC PA 201-94
2) Cyclic Loading Test, per SFBC PA 203-94
along with marked-up drawings and installation diagram of a series 510 aluminum fixed window, prepared by Hurricane Engineering and Testing, Inc., Test Report No. **HETI-02-1145A** dated 03/05/02 signed and sealed by Hector M. Medina, P.E.
(Submitted under previous NOA No. 02-0826.03)
3. Test reports on: 1) Large Missile Impact Test, SFBC PA 201-94
2) Cyclic Loading Test, per SFBC PA 203-94
along with marked-up drawings and installation diagram of a series 510 aluminum fixed window, prepared by Hurricane Engineering and Testing, Inc., Test Report No. **HETI-02-1145B** dated 04/30/02 signed and sealed by Hector M. Medina, P.E.
(Submitted under previous NOA No. 02-0826.03)
4. Test reports on: 1) Large Missile Impact Test, SFBC PA 201-94
2) Cyclic Loading Test, per SFBC PA 203-94
along with marked-up drawings and installation diagram of a series 510 aluminum fixed window, prepared by Hurricane Engineering and Testing, Inc., Test Report No. **HETI-02-1145C** dated 03/05/02 signed and sealed by Hector M. Medina, P.E.
(Submitted under previous NOA No. 02-0826.03)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 10/05/09, signed and sealed by Arshad Viqar, P.E.
(Submitted under previous NOA No. 10-0107.07)
2. Glazing complies with ASTM E1300-04


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-1203.01
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Gopi Glass Sales & Services Corp.

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D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **11-1102.11** issued to **Solutia, Inc.** for their “**Saflex Clear and Color Glass Interlayers**” dated 06/14/12, expiring on 05/21/16
2. Notice of Acceptance No. **10-0331.02** issued to **Cytec Industries, Inc.** for their “**Uvekol S Laminated Glass Interlayer**”, dated 05/05/10, expiring on 02/08/14.

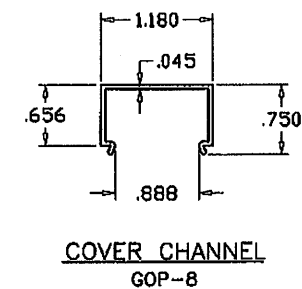
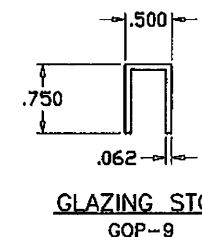
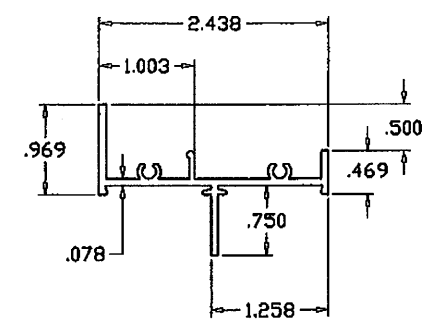
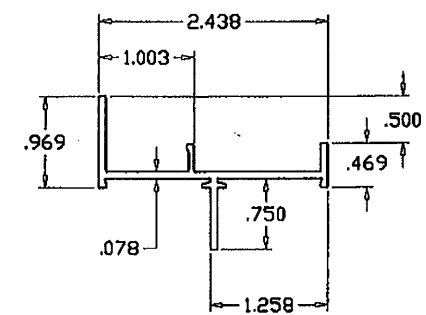
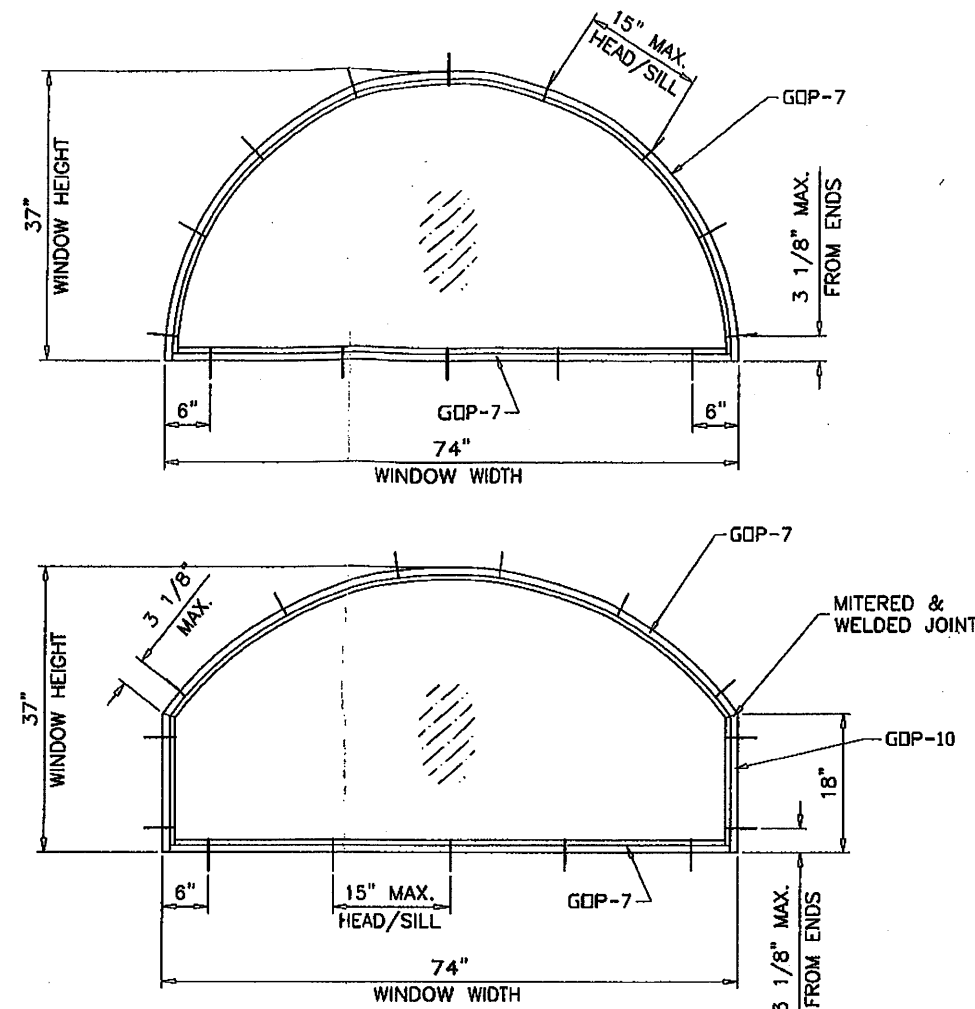
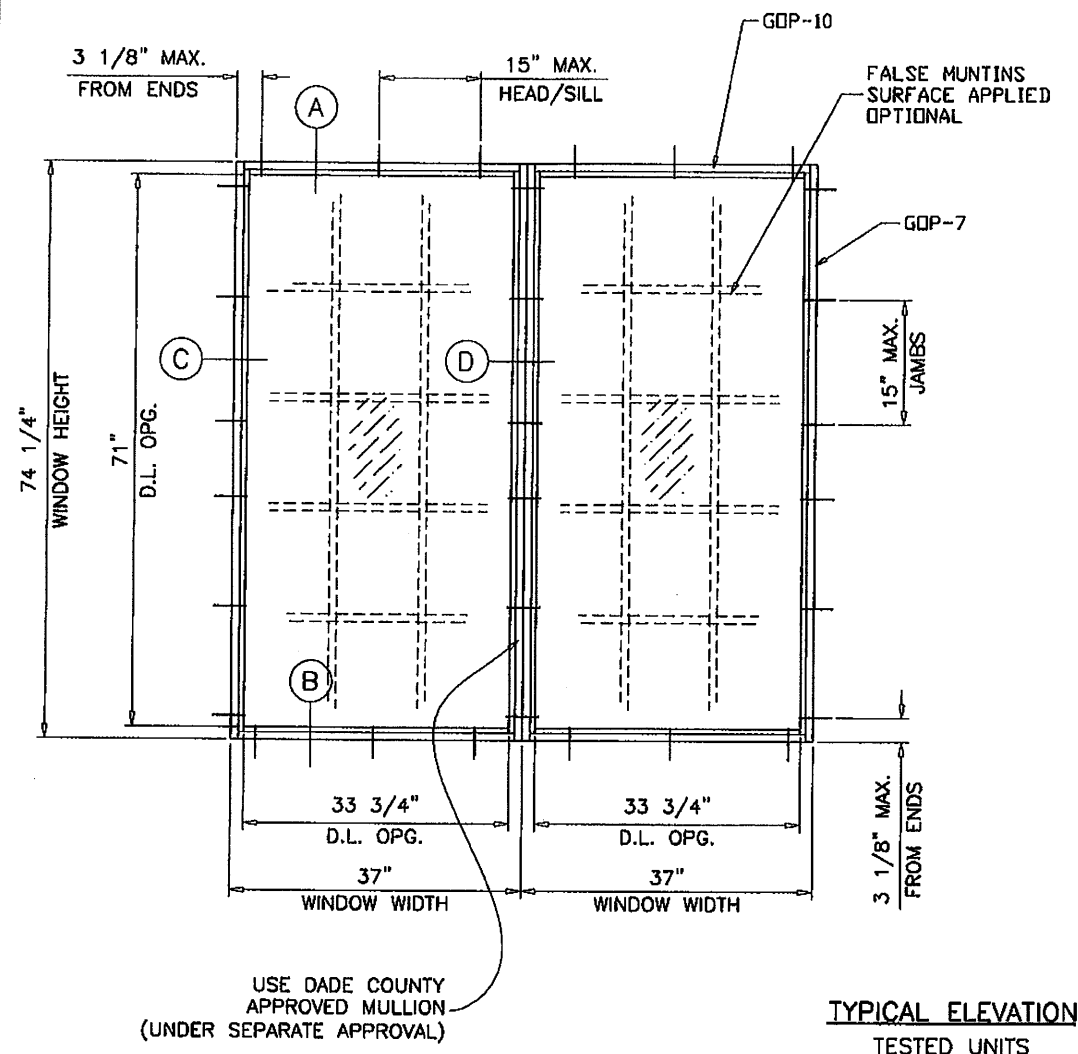
F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, and no financial interest, dated February 16, 2012, signed and sealed by Javad Ahmad, P. E.
(Submitted under previous NOA No. 12-0229.05)
2. Laboratory compliance letters for Test Reports No. **HETI-02-1211**, **HETI-02-1145A**, **HETI-02-1145B** and **HETI-02-1145C**, issued by Hurricane Engineering and Testing, Inc., dated 03/05/02 and 04/30/02, all signed and sealed by Hector M. Medina, P.E.
(Submitted under previous NOA No. 02-0826.03)

G. OTHERS

1. Notice of Acceptance No. **12-0229.05**, issued to Gopi Glass Sales & Services Corp. for their Series “510” Aluminum Fixed Window – L.M.I., approved on 04/26/12 and expiring on 02/20/13.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-1203.01
Expiration Date: February 20, 2018
Approval Date: February 14, 2013



SERIES-510 ALUMINUM FIXED WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHART SHOWN ABOVE.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIXED WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

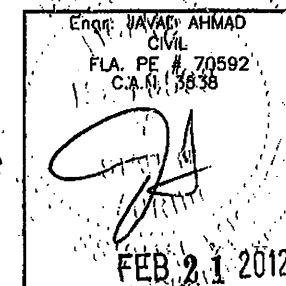
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 12-1203.01
Expiration Date Feb. 20, 2018
By *Manuel Pina*
Miami Dade Product Control



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0229.05
Expiration Date FEB 20, 2013
By *Manuel Pina*
Miami Dade Product Control

af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL W02-50GGC

SERIES-510 ALUMINUM FIXED WINDOW (L.M.I.)

GOPi GLASS CORPORATION
7450 N.W. 41 STREET
MIAMI, FL. 33166
TEL (305) 592-2009 FAX (305) 477-0992

NO	DATE	BY	DESCRIPTION
A	01.04.03		REV. PER BCCO COMMENTS
B	09.12.05		UPDATED FOR 2004 FBC
C	10.16.09		UPDATED FOR 2007 FBC
D	02.21.12		UPDATED TO 2010 FBC

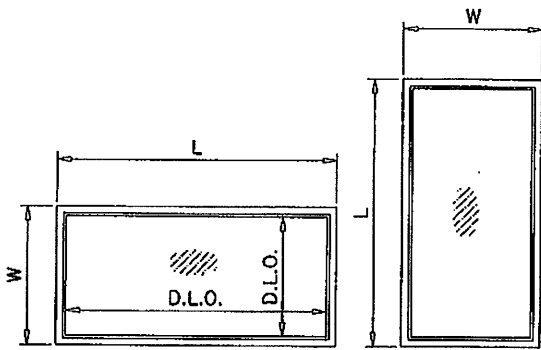
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dr. by: HAMID
chk. by:

drawing no.
W02-50

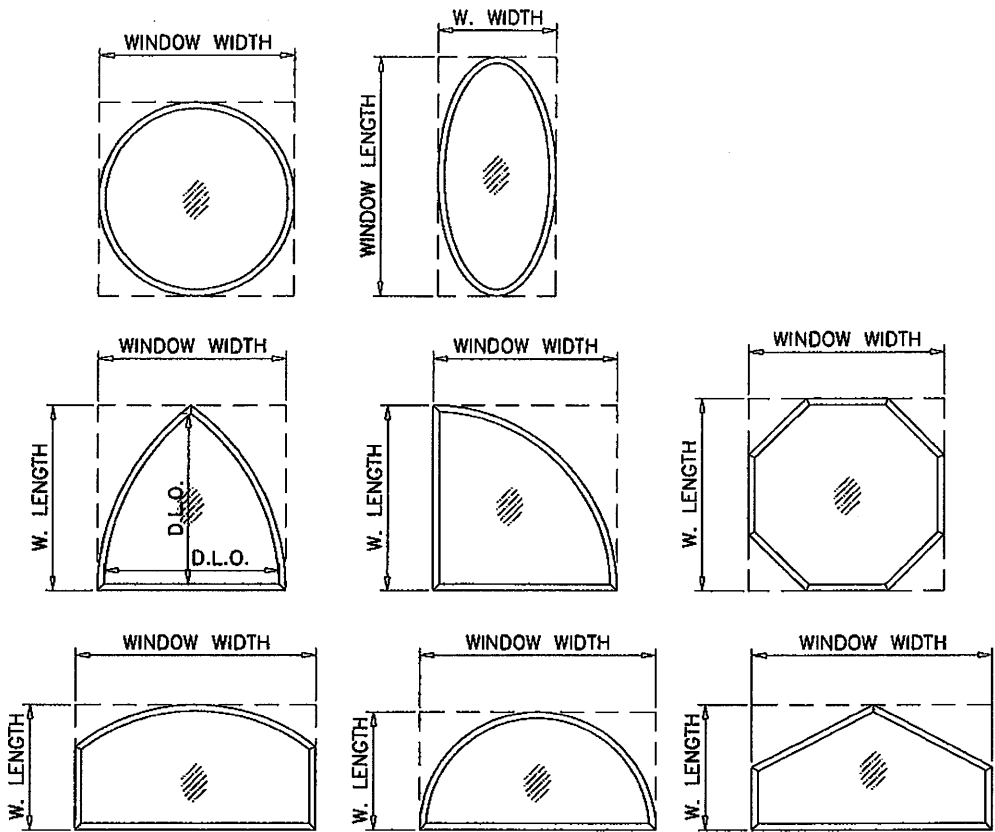
sheet 1 of 4

DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		GLASS TYPES 'A' & 'C'	
WIDTH	LENGTH	EXT. (+)	INT. (-)
18" (3)	36" (3)	71.0	71.0
24" (3)		71.0	71.0
30" (3)		71.0	71.0
36" (3)		71.0	71.0
42" (4)		71.0	71.0
18" (3)	48" (4)	71.0	71.0
24" (3)		71.0	71.0
30" (3)		71.0	71.0
36" (3)		71.0	71.0
42" (4)		63.0	63.0
18" (3)	60" (5)	71.0	71.0
24" (3)		71.0	71.0
30" (3)		71.0	71.0
36" (3)		71.0	71.0
42" (4)		63.0	63.0
18" (3)	72" (6)	71.0	71.0
24" (3)		71.0	71.0
30" (3)		71.0	71.0
36" (3)		71.0	71.0
42" (4)		71.0	71.0
18" (3)	84" (6)	71.0	71.0
24" (3)		71.0	71.0
30" (3)		71.0	71.0
36" (3)		71.0	71.0
42" (4)		71.0	71.0
18" (3)	96" (7)	71.0	71.0
24" (3)		71.0	71.0
30" (3)		71.0	71.0
36" (3)		71.0	71.0
42" (4)		71.0	71.0
19-1/8" (3)	26" (3)	71.0	71.0
26-1/2" (3)		71.0	71.0
37" (3)		71.0	71.0
48" (4)		71.0	71.0
53-1/8" (5)		71.0	71.0
19-1/8" (3)	38-3/8" (4)	71.0	71.0
26-1/2" (3)		71.0	71.0
37" (3)		71.0	71.0
48" (4)		68.9	68.9
53-1/8" (5)		68.9	68.9
19-1/8" (3)	50-5/8" (4)	71.0	71.0
26-1/2" (3)		71.0	71.0
37" (3)		71.0	71.0
48" (4)		55.1	55.1
53-1/8" (5)		52.2	52.2
19-1/8" (3)	57" (5)	71.0	71.0
26-1/2" (3)		71.0	71.0
37" (3)		71.0	71.0
48" (4)		55.1	55.1
53-1/8" (5)		52.2	52.2
19-1/8" (3)	63" (5)	71.0	71.0
26-1/2" (3)		71.0	71.0
37" (3)		71.0	71.0
48" (4)		55.1	55.1
53-1/8" (5)		52.2	52.2
19-1/8" (3)	74-1/4" (6)	71.0	71.0
26-1/2" (3)		71.0	71.0
37" (3)		71.0	71.0
48" (4)		55.1	55.1
53-1/8" (5)		52.2	52.2

NUMBERS IN PARENTHESIS INDICATE NUMBER OF ANCHORS REQD. PER SIDE.

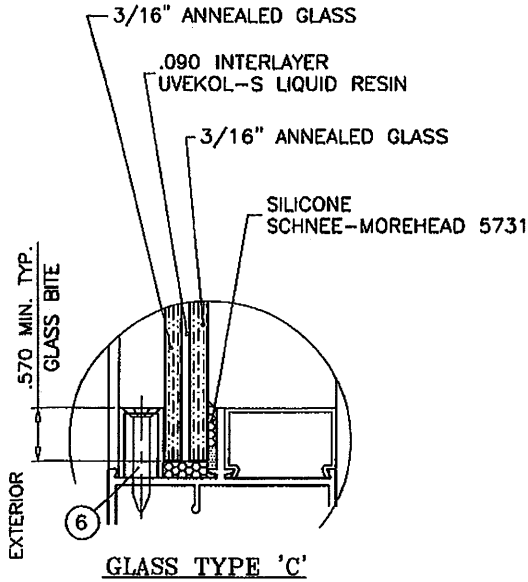
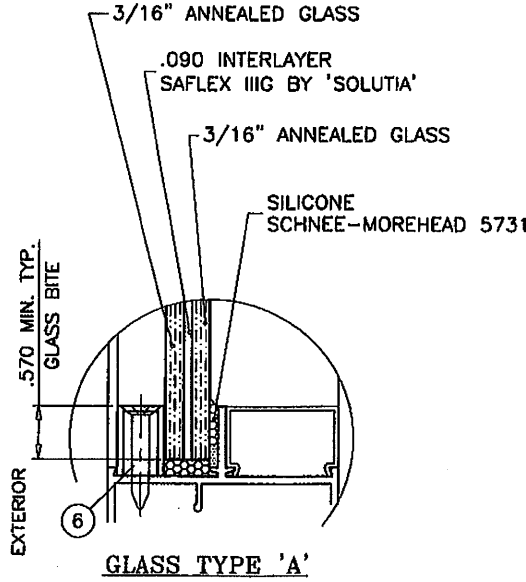


NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

D.L.O. = WIDTH OR HEIGHT - 3.25"



GLAZING OPTIONS

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS).

Engr. JAVAD AHMAD
CIVIL
FLA. REG. # 70592
C.A.N. 3538
FEB 21 2012

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 12-1203.01
Expiration Date Feb. 20, 2018
By *Manuel Perez*
Miami Dade Product Control

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SERIES-510 ALUMINUM FIXED WINDOW (L.M.I.)

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7450 N.W. 41 STREET
MIAMI, FL. 33166
TEL (305) 592-2009 FAX (305) 477-0992

no	date	description
A	01.04.03	REV. PER BCCO COMMENTS
B	06.12.05	CHARTS REV.
C	10.16.09	UPDATED FOR 2007 FBC
D	02.21.12	UPDATED TO 2010 FBC

date: 05-20-02

scale: 1/2" = 1"

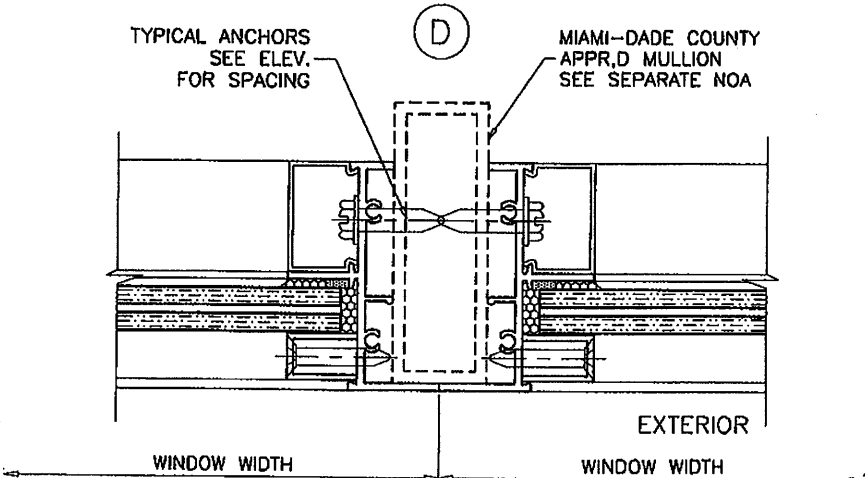
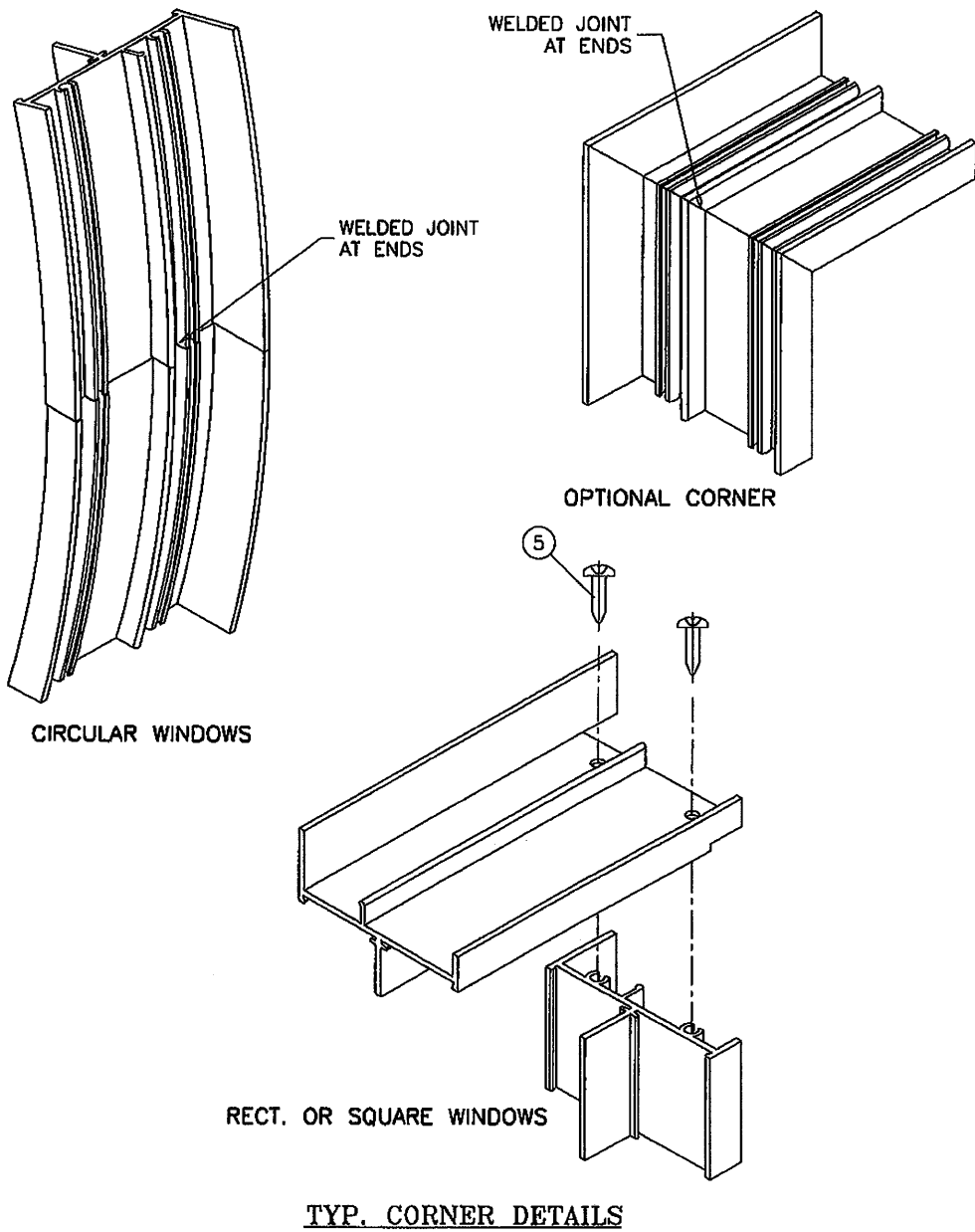
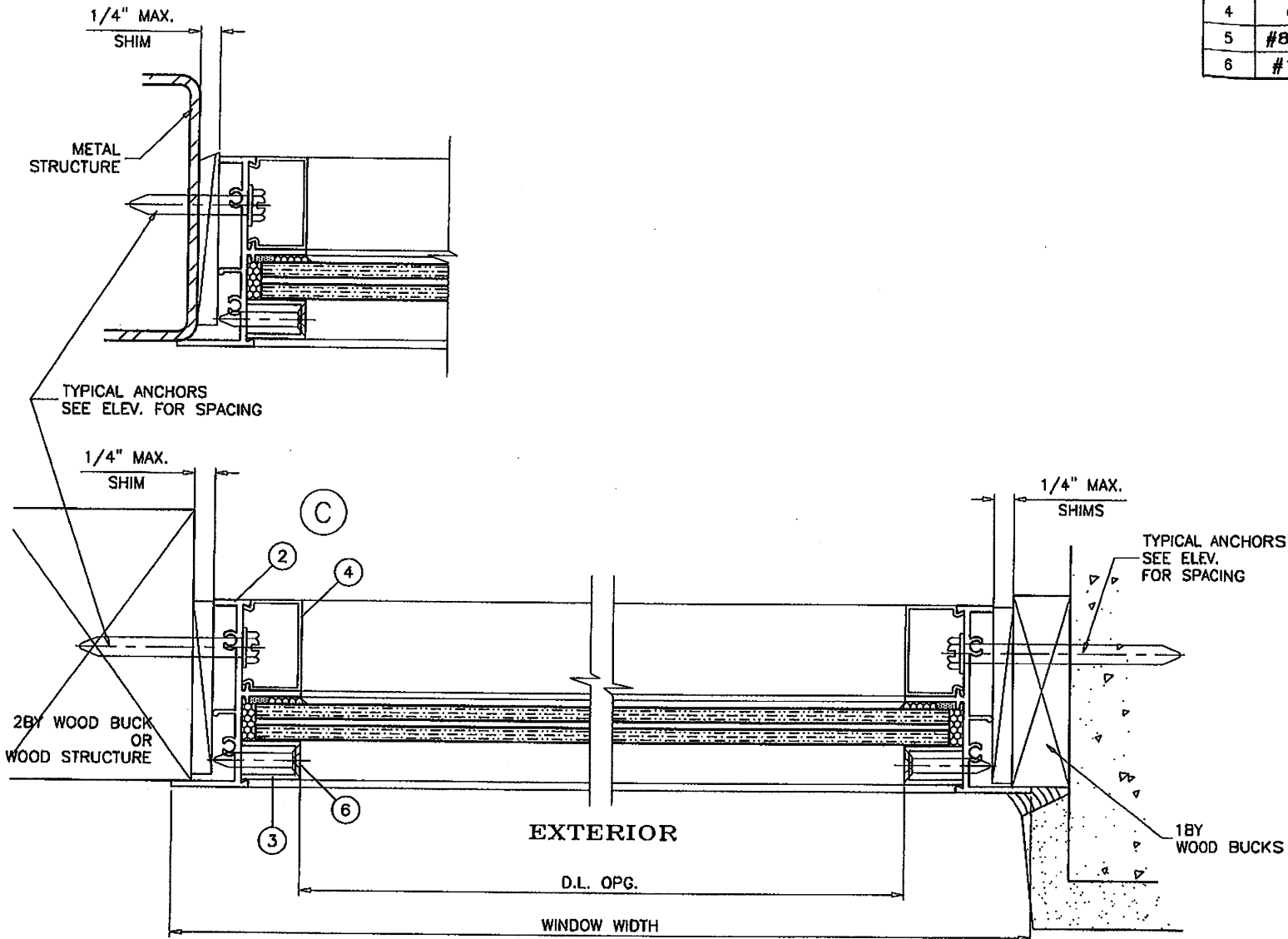
dr. by: HAMID

chk. by:

drawing no.
W02-50

sheet 2 of 4

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	GOP-10	2	FRAME HEAD/SILL	6063-T5	-
2	GOP-7	2	FRAME JAMB	6063-T5	-
3	GOP-9	4	GLAZING BEAD	6063-T5	-
4	GOP-8	AS REQD.	COVER CHANNEL	6063-T5	OPTIONAL
5	#8 X 3/4"	2/ CORNER	ASSEMBLY SCREWS	-	P.H. PHILLIPS
6	#12 X 1"	AS REQD.	GLAZING BEAD SCREWS @ 7" FROM ENDS & 12" O.C.	-	F.H. SMS



PRODUCT RENEWED
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Expiration Date Feb. 20, 2018
By *Muhammed Perez*
Miami Dade Product Control

Engr: JAVAD AHMAD
FLA. PE # 70592
C.A.N. 3538
FEB 21

PRODUCT REVISED
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SERIES-510 ALUMINUM FIXED WINDOW (L.M.I.)

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no	date	by	description
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B	09.12.05		NO CHANGE THIS SHEET
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dr. by: HAMID
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drawing no.
W02-50
sheet 4 of 4